

## METHOD AND SYSTEM FOR DISCOVERING RELATIONSHIPS

### ABSTRACT OF THE DISCLOSURE:

[0096] Embodiments of the present invention provide systems and methods for relationship discovery. According to one embodiment of the present invention, arbitrarily complex relationship discovery rules can be applied to components in a data model to determine if a relationship exists between the components. If the components satisfy a relationship discovery rule, a relationship can be established for the components. Because the relationships are established based on the application of relationship discovery rules rather than through enforcement of a database schema, new relationships and relationship types can be established without having to alter the underlying database schema. Additionally, because rules can be repetitively applied, relationships can be established, deleted and updated as the system being modeled changes.